

## Lesson Plan

**Subject-** Software Engineering

**Lesson Plan-** 16 Weeks ( Nov 20 – Feb 21)

Week	Date	BCA-356(5 <sup>th</sup> Sem) Multimedia Tools
1	2- Nov – 2020	-
	3- Nov – 2020	-
	4- Nov – 2020	-
	5- Nov – 2020	Multimedia: Basic Concept, Definition, Components & Applications of Multimedia;
	6- Nov – 2020	Components & Applications of Multimedia
	7- Nov - 2020	Hypermedia and Multimedia, Multimedia Hardware and Software
2	8- Nov - 2020	Sunday
	9- Nov - 2020	-
	10- Nov - 2020	-
	11- Nov - 2020	-
	12- Nov - 2020	Multimedia Software Tools; Presentation Tools
	13- Nov - 2020	Multimedia Authoring: Introduction, Features, Types of Authoring Tools
	14- Nov - 2020	Holiday
3	15- Nov - 2020	Sunday
	16- Nov - 2020	Holiday
	17- Nov - 2020	-
	18- Nov - 2020	-
	19- Nov - 2020	Card or Page-Based, Icon- Based, Time-Based, Object-Oriented
	20- Nov - 2020	VRML: History, Features
	21- Nov - 2020	Revision
4	22- Nov - 2020	Sunday
	23- Nov - 2020	<b>Assignment 1</b>
	24- Nov - 2020	Holiday
	25- Nov - 2020	-
	26- Nov - 2020	Graphics/Image, Data Types
	27- Nov - 2020	File Formats; Color, Models in Images and Video
	28- Nov - 2020	Revision
5	29- Nov - 2020	Sunday
	30- Nov - 2020	Holiday
	1- Dec - 2020	-
	2- Dec - 2020	-
	3- Dec - 2020	Introduction, Types of Video Signals
	4- Dec - 2020	<b>Sessional</b>
	5- Dec - 2020	Analog and Digital Video
6	6- Dec - 2020	Sunday
	7- Dec - 2020	-
	8- Dec - 2020	-
	9- Dec - 2020	-
	10- Dec - 2020	Analog Video Standards: NTSC, PAL, SECA
	11- Dec - 2020	Digital Video Standards: Chroma Subsampling

	12- Dec - 2020	CCIR Standards, HDTV
7	13- Dec - 2020	Sunday
	14- Dec - 2020	-
	15- Dec - 2020	-
	16- Dec - 2020	-
	17- Dec - 2020	CCIR Standards, HDTV
	18- Dec - 2020	Revision
	19- Dec - 2020	Digital Audio: Basic Concepts
8	20- Dec - 2020	Sunday
	21- Dec - 2020	-
	22- Dec - 2020	-
	23- Dec - 2020	-
	24- Dec - 2020	Analog vs. Digital Audio
	25- Dec - 2020	Digitization of Sound; Digital Audio File Formats, MIDI
	26- Dec - 2020	Quantization and Transmission of Audio
	27- Dec - 2020	Sunday
9	28- Dec - 2020	-
	29- Dec - 2020	-
	30- Dec - 2020	-
	31- Dec - 2020	Coding of Audio;Pulse Code Modulation
	1- Jan - 2021	Pulse Code Modulation
	2- Jan - 2021	Differential Coding of Audio
10	3- Jan - 2021	Sunday
	4- Jan - 2021	-
	5- Jan - 2021	-
	6- Jan - 2021	-
	7- Jan - 2021	Lossless Predictive Coding; DPCM
	8- Jan - 2021	DM
	9- Jan - 2021	ADPCM
11	10- Jan - 2021	Sunday
	11- Jan - 2021	Holiday
	12- Jan - 2021	-
	13- Jan - 2021	-
	14- Jan - 2021	Introduction, Types of Data Compression
	15- Jan - 2021	Run-Length Coding
	16- Jan - 2021	Run-Length Coding
12	17- Jan - 2021	Sunday
	18- Jan - 2021	-
	19- Jan - 2021	-
	20- Jan - 2021	Holiday
	21- Jan - 2021	Variable-Length Coding
	22- Jan - 2021	Variable-Length Coding
	23- Jan - 2021	Revision
13	24- Jan - 2021	Sunday
	25- Jan - 2021	-
	26- Jan - 2021	Holiday
	27- Jan - 2021	-
	28- Jan - 2021	Dictionary-Based Coding,

	29- Jan - 2021	Dictionary-Based Coding,
	30- Jan - 2021	Transform Coding
14	31- Jan - 2021	Sunday
	1- Feb - 2021	-
	2- Feb - 2021	-
	3- Feb - 2021	-
	4- Feb - 2021	Image and Video Compression Techniques
	5- Feb - 2021	Image and Video Compression Techniques
	6- Feb - 2021	Introduction Video Compression Techniques Video Compression Techniques
15	7- Feb - 2021	Sunday
	8- Feb - 2021	-
	9- Feb - 2021	-
	10- Feb - 2021	-
	11- Feb - 2021	Sessional
	12- Feb - 2021	Overview H.261,MPEG
	13- Feb - 2021	Revision
	14- Feb - 2021	Sunday
16	15- Feb - 2021	-
	16- Feb - 2021	-
	17- Feb - 2021	-
	18- Feb - 2021	Revision
	19- Feb - 2021	Question paper discussion
	20- Feb - 2021	Question paper discussion